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(FILE 'HOME' ENTERED AT 14:21:27 ON 01 AUG 2002)

FILE 'MEDLINE, BIOSIS, USPATFULL' ENTERED AT 14:21:50 ON 01 AUG 2002

L1 38755 S PARATHYROID HORMONE
L2 975 S L1 AND FORMULATION
L3 329 S L2 AND MANNITOL
L4 329 DUP REM L3 (0 DUPLICATES REMOVED)
L5 31 S L1 (P) MANNITOL
L6 21 DUP REM L5 (10 DUPLICATES REMOVED)
L7 1875 S L1 AND COMPOSITION
L8 465 S L7 AND MANNITOL
L9 465 DUP REM L8 (0 DUPLICATES REMOVED)
L10 * 465 SORT L8 PY
L11 2 S L1(P)COMPOSITION (P)MANNITOL

=> d L11 bib ab

L11 ANSWER 1 OF 2 USPATFULL
AN 96:92040 USPATFULL
TI Stabilized parathyroid hormone composition
IN Endo, Ken, Shizuoka, Japan
Sato, Shinji, Shizuoka, Japan
Sugiyama, Yoshinori, Shizuoka, Japan
Ohno, Masaru, Shizuoka, Japan
Sakakibara, Hideo, Shizuoka, Japan
PA Asahi Kasei Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)
PI US 5563122 19961008
WO 9201599 19930624
AI US 1994-244758 19940906 (8)
WO 1992-JP1599 19921208
19940926 PCT 371 date
19940926 PCT 102(e) date
PRAI JP 1991-350236 19911209
JP 1992-313381 19921124
DT Utility
FS Granted
EXNAM Primary Examiner: Russel, Jeffrey E.
LREP Pennie & Edmonds
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 357
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A safe, stabilized lyophilized preparation comprising parathyroid hormone (PTH) as an active ingredient and effective amounts of sugar and sodium chloride to provide a stable preparation of parathyroid hormone.

=> d L11 2 bib ab

L11 ANSWER 2 OF 2 USPATFULL
AN 96:19074 USPATFULL
TI Parathyroid hormone formulation
IN Holthuis, Josephus J. M., AJ Leiden, Netherlands
Mekking, Albert, CR Woerden, Netherlands
Voetman, Alwinus A., DT Zwanenburg, Netherlands
PA Allelix BioPharmaceuticals Inc., Ontario, Canada (non-U.S. corporation)
PI US 5496801 19960305
AI US 1993-172206 19931223 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.
LREP Foley & Lardner
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN 6 Drawing Figure(s); 3 Drawing Page(s)
LN.CNT 540
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Described herein are preparations containing parathyroid hormone that has been stabilized with an excipient and buffering agent. Preferred preparations incorporate human PTH(1-84), mannitol as excipient and citrate as buffering agent, and are incorporated in vials as a freeze-dried powder for reconstitution to treat osteoporosis.

=> d L6 1-

YOU HAVE REQUESTED DATA FROM 21 ANSWERS - CONTINUE? Y/(N):Y

L6 ANSWER 1 OF 21 USPATFULL
AN 2002:119850 USPATFULL
TI Peptide pharmaceutical formulations
IN Holmquist, Barton, Lincoln, NE, UNITED STATES
Dormady, Daniel C., Omaha, NE, UNITED STATES
PI US 2002061838 A1 20020523
AI US 2001-858880 A1 20010517 (9)
PRAI US 2000-205377P 20000517 (60)
US 2000-205262P 20000519 (60)
DT Utility
FS APPLICATION
LN.CNT 929
INCL INCLM: 514/002.000
NCL NCLM: 514/002.000
IC [7]
ICM: A61K038-18
ICS: A61K038-29
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 21 USPATFULL
AN 1998:156943 USPATFULL
TI Compositions and methods for buccal delivery of pharmaceutical agents
IN Ebert, Charles D., Salt Lake City, UT, United States
Heiber, Sonia J., Salt Lake City, UT, United States
Gutniak, Mark K., Hasselby, Sweden
PA Theratech, Inc., Salt Lake City, UT, United States (U.S. corporation)
PI US 5849322 19981215
AI US 1995-546994 19951023 (8)
DT Utility
FS Granted
LN.CNT 1307
INCL INCLM: 424/435.000
INCLS: 424/434.000; 514/953.000
NCL NCLM: 424/435.000
NCLS: 424/434.000; 514/953.000
IC [6]
ICM: A61F013-02
EXF 424/434; 424/435; 514/953
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 21 MEDLINE DUPLICATE 1
AN 1998213228 MEDLINE
DN 98213228 PubMed ID: 9554564
TI High-glucose media enhance the responsiveness of tubular cells to growth
promoters: effect on lysosomal cathepsins and protein degradation.
AU Schenk O; Ling H; Sebekova K; Vamvakas S; Heidland A
CS Division of Nephrology, University of Wurzburg, Germany.
SO MINERAL AND ELECTROLYTE METABOLISM, (1998) 24 (4) 254-60.
Journal code: 7802196. ISSN: 0378-0392.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199805
ED Entered STN: 19980609
Last Updated on STN: 19980609
Entered Medline: 19980528

L6 ANSWER 4 OF 21 USPATFULL
AN 96:92040 USPATFULL
TI Stabilized parathyroid hormone composition
IN Endo, Ken, Shizuoka, Japan
Sato, Shinji, Shizuoka, Japan
Sugiyama, Yoshinori, Shizuoka, Japan
Ohno, Masaru, Shizuoka, Japan
Sakakibara, Hideo, Shizuoka, Japan

PA ' Asahi Kasei Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)
PI US 5563122 19961008
AI WO 9201599 19930624 19940906 (8)
US 1994-244758 19921208
WO 1992-JP1599 19940926 PCT 371 date
19940926 PCT 102(e) date
PRAI JP 1991-350236 19911209
JP 1992-313381 19921124
DT Utility
FS Granted
LN.CNT 357
INCL INCLM: 514/012.000
INCLS: 514/021.000; 514/769.000; 514/777.000; 514/970.000; 530/344.000
NCL NCLM: 514/012.000
NCLS: 514/021.000; 514/769.000; 514/777.000; 514/970.000; 530/344.000
IC [6]
ICM: A61K038-29
ICS: A61K047-02; A61K047-26
EXF 530/324; 530/344; 530/427; 514/12; 514/21; 514/970; 514/769; 514/777
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 21 USPATFULL
AN 96:19074 USPATFULL
TI Parathyroid hormone formulation
IN Holthuis, Josephus J. M., AJ Leiden, Netherlands
Mekking, Albert, CR Woerden, Netherlands
Voetman, Alwinus A., DT Zwanenburg, Netherlands
PA Allelix BioPharmaceuticals Inc., Ontario, Canada (non-U.S. corporation)
PI US 5496801 19960305
AI US 1993-172206 19931223 (8)
DT Utility
FS Granted
LN.CNT 540
INCL INCLM: 514/012.000
INCLS: 514/002.000; 514/970.000
NCL NCLM: 514/012.000
NCLS: 514/002.000; 514/970.000
IC [6]
ICM: A61K037-02
ICS: A61K037-36
EXF 514/2; 514/12; 514/970
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 21 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1997:151505 BIOSIS
DN PREV199799450708
TI Decreased responses by human osteoblast-like MG-63 cells to
1,25-dihydroxyvitamin D-3 and parathyroid hormone after culture in high
glucose concentration.
AU Yoshida, Osamu
CS Second Dep. Internal Med., Osaka City Univ. Med. Sch., Osaka Japan
SO Journal of the Osaka City Medical Center, (1996) Vol. 45, No. 1-2, pp.
15-28.
ISSN: 0386-4103.
DT Article
LA Japanese
SL Japanese; English

L6 ANSWER 7 OF 21 MEDLINE DUPLICATE 2
AN 96044388 MEDLINE
DN 96044388 PubMed ID: 7565450
TI Impaired response of human osteosarcoma (MG-63) cells to human parathyroid
hormone induced by sustained exposure to high glucose.
AU Yoshida O; Inaba M; Terada M; Shioi A; Nishizawa Y; Otani S; Morii H
CS Second Department of Internal Medicine, Osaka City University Medical
School, Japan.
SO MINERAL AND ELECTROLYTE METABOLISM, (1995) 21 (1-3) 201-4.
Journal code: 7802196. ISSN: 0378-0392.

CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199511
ED Entered STN: 19951227
Last Updated on STN: 19951227
Entered Medline: 19951113

L6 ANSWER 8 OF 21 USPATFULL
AN 92:81868 USPATFULL
TI Disposable inhaler with pre-pierced capsule
IN Valentini, Luigi, Milan, Italy
Ceschel, Giancarlo, Milan, Italy
PA Phidea S.p.A., Milan, Italy (non-U.S. corporation)
PI US 5152284 19921006
AI US 1991-707226 19910524 (7)
RLI Continuation of Ser. No. US 1990-479273, filed on 13 Feb 1990, now abandoned
PRAI IT 1989-19540 19890223
DT Utility
FS Granted
LN.CNT 425
INCL INCLM: 128/203.210
INCLS: 128/203.230; 128/203.120; 128/203.150
NCL NCLM: 128/203.210
NCLS: 128/203.120; 128/203.150; 128/203.230
IC [5]
ICM: A61M015-00
EXF 128/203.15; 128/203.12; 128/203.21; 128/203.23

L6 ANSWER 9 OF 21 USPATFULL
AN 91:16293 USPATFULL
TI Inhaler with regular complete emptying of the capsule
IN Valentini, Luigi, Milan, Italy
Ceschel, Giancarlo, Milan, Italy
PA Phidea S.p.A., Milan, Italy (non-U.S. corporation)
PI US 4995385 19910226
AI US 1990-483744 19900223 (7)
PRAI IT 1989-19539 19890223
DT Utility
FS Granted
LN.CNT 336
INCL INCLM: 128/203.210
INCLS: 128/203.150; 128/203.230
NCL NCLM: 128/203.210
NCLS: 128/203.150; 128/203.230
IC [5]
ICM: A61M015-08
EXF 128/203.21; 128/203.15; 128/203.23

L6 ANSWER 10 OF 21 MEDLINE DUPLICATE 3
AN 91088464 MEDLINE
DN 91088464 PubMed ID: 2263555
TI Altered renal function in broilers during aflatoxicosis.
AU Glahn R P; Beers K W; Bottje W G; Wideman R F Jr; Huff W E
CS Department of Animal and Poultry Science, University of Arkansas,
Fayetteville 72701.
SO POULTRY SCIENCE, (1990 Oct) 69 (10) 1796-9.
Journal code: 0401150. ISSN: 0032-5791.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199102
ED Entered STN: 19910322
Last Updated on STN: 19950206
Entered Medline: 19910207

L6 ANSWER 11 OF 21 MEDLINE

DUPLICAT

AN 90301378 MEDLINE

DN 90301378 PubMed ID: 2194151

TI [Prevention of acute renal failure in rhabdomyolysis caused by alcohol and drug intoxication].

A heveny veseelgetlenseg megelozese alkohol- es gyogyszerintoxicatio indukalta rhabdomyolysisben.

AU Karpati I; Kurta G; Matyas J; Ujhelyi L; Kakuk G
CS Debreceni Orvostudomanyi Egyetem, I. sz. Belgyogyaszati Klinika.

SO ORVOSI HETILAP, (1990 May 27) 131 (21) 1147-50. Ref: 31
Journal code: 0376412. ISSN: 0030-6002.

CY Hungary

DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)

LA Hungarian

FS Priority Journals

EM 199008

ED Entered STN: 19900907
Last Updated on STN: 19980206
Entered Medline: 19900808

L6 ANSWER 12 OF 21 MEDLINE

DUPLICATE 5

AN 88173234 MEDLINE

DN 88173234 PubMed ID: 3258390

TI Time course studies on phosphate transfer in frog urinary bladder.

AU Parisi M; Cancela L

CS Departamento de Fisiologia, Facultad de Medicina, Universidad de Buenos Aires, Argentina.

SO KIDNEY INTERNATIONAL, (1988 Jan) 33 (1) 58-63.
Journal code: 0323470. ISSN: 0085-2538.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 198805

ED Entered STN: 19900308
Last Updated on STN: 19970203
Entered Medline: 19880510

L6 ANSWER 13 OF 21 MEDLINE

DUPLICATE 6

AN 88171176 MEDLINE

DN 88171176 PubMed ID: 3443801

TI Studies of the rapid effects of parathyroid hormone and prostaglandins on ⁴⁵Ca uptake into chick and rat bone in vivo.

AU Dacke C G; Shaw A J

CS Department of Physiology, Marischal College, University of Aberdeen.

SO JOURNAL OF ENDOCRINOLOGY, (1987 Dec) 115 (3) 369-77.

Journal code: 0375363. ISSN: 0022-0795.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 198804

ED Entered STN: 19900308
Last Updated on STN: 19900308
Entered Medline: 19880428

L6 ANSWER 14 OF 21 MEDLINE

DUPLICATE 7

AN 86170828 MEDLINE

DN 86170828 PubMed ID: 3083056

TI Alterations in electrolyte and iron metabolism in the rat in relation to peroral administration of galactitol, mannitol and xylitol.

AU Hamalainen M M; Makinen K K

SO JOURNAL OF NUTRITION, (1986 Apr) 116 (4) 599-609.

Journal code: 0404243. ISSN: 0022-3166.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals
EM 198605
ED Entered STN: 19900321
Last Updated on STN: 19990129
Entered Medline: 19860522

L6 ANSWER 15 OF 21 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1983:329508 BIOSIS
DN BA76:87000
TI RECIPROCAL CHANGES IN PLASMA GLUCOSE AND SERUM CALCIUM LEVELS DURING GLUCOSE AND INSULIN ADMINISTRATION.
AU AKGUN S; ERTEL N H; MAESAKA J K
CS MEDICAL SERVICE 111 , VA MEDICAL CENTER, EAST ORANGE, N.J. 07019.
SO J LAB CLIN MED, (1983) 101 (3), 507-514.
CODEN: JLCLMAK. ISSN: 0022-2143.
FS BA; OLD
LA English

L6 ANSWER 16 OF 21 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1982:152776 BIOSIS
DN BA73:12760
TI SODIUM EXCRETION AND NEPHROGENOUS CYCLIC AMP AND ITS DISTRIBUTION BETWEEN RENAL VEIN AND URINE DURING ADMINISTRATION OF DIURETICS OR PARATHYROID HORMONE.
AU GURA V; FRIEDLER R M; LEIBOVICI H; MASSRY S G
CS DEP. MED., DIV. NEPHROL., USC SCH. MED., 2025 ZONAL AVE., LOS ANGELES, CALIF. 90033, USA.
SO MINER ELECTROLYTE METAB, (1981) 6 (3), 130-138.
CODEN: MELMDI. ISSN: 0378-0392.
FS BA; OLD
LA English

L6 ANSWER 17 OF 21 MEDLINE DUPLICATE 8
AN 78186658 MEDLINE
DN 78186658 PubMed ID: 207266
TI Effect of parathyrin on the transport properties of isolated renal brush-border vesicles.
AU Evers C; Murer H; Kinne R
SO BIOCHEMICAL JOURNAL, (1978 Apr 15) 172 (1) 49-56.
Journal code: 2984726R. ISSN: 0264-6021.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 197807
ED Entered STN: 19900314
Last Updated on STN: 19970203
Entered Medline: 19780715

L6 ANSWER 18 OF 21 MEDLINE
AN 79002791 MEDLINE
DN 79002791 PubMed ID: 211000
TI The effect of parathyroid hormone (PTH) and dietary phosphate on the sodium-dependent phosphate transport system located in the rat renal brush border membrane.
AU Murer H; Evers C; Stoll R; Kinne R
SO CURRENT PROBLEMS IN CLINICAL BIOCHEMISTRY, (1977 Oct 23-26) 8 455-62.
Journal code: 0353507. ISSN: 0300-1725.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 197811
ED Entered STN: 19900314
Last Updated on STN: 19970203
Entered Medline: 19781118

L6 ANSWER 19 OF 21 MEDLINE DUPLICATE 9
AN 77063449 MEDLINE

DN 77063449 PubMed ID: 1870
TI Effect of parathyroid hormone on renal tubular permeability.
AU Lorentz W B
SO AMERICAN JOURNAL OF PHYSIOLOGY, (1976 Nov) 231 (5 Pt. 1) 1401-7.
Journal code: 0370511. ISSN: 0002-9513.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 197701
ED Entered STN: 19900313
Last Updated on STN: 19900313
Entered Medline: 19770129

L6 ANSWER 20 OF 21 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1976:195183 BIOSIS
DN BA62:25183
TI EFFECT OF MANNITOL ON PHOSPHATE TRANSPORT IN INTACT AND ACUTELY THYRO
PARATHYROIDECTOMIZED RATS.
AU MAESAKA J K; BERGER M L; BORNIA M E; ABRAMSON R G; LEVITT M F
SO J LAB CLIN MED, (1976) 87 (4), 680-691.
CODEN: JLCMAK. ISSN: 0022-2143.
FS BA; OLD
LA Unavailable

L6 ANSWER 21 OF 21 MEDLINE DUPLICATE 10
AN 76260559 MEDLINE
DN 76260559 PubMed ID: 956369
TI A micropuncture study of the effect of parathyroid hormone on renal
bicarbonate reabsorption.
AU Bank N; Aynedjian H S
SO JOURNAL OF CLINICAL INVESTIGATION, (1976 Aug) 58 (2) 336-44.
Journal code: 7802877. ISSN: 0021-9738.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 197610
ED Entered STN: 19900313
Last Updated on STN: 19900313
Entered Medline: 19761029